

Amendments to the Claims:

A clean version of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A communication system (500) comprising:
_____ a plurality of devices (101-106) interconnected via a bus, the bus being capable of handling isochronous and asynchronous transmissions; and,
~~characterized in that the communication system (500) comprises~~
_____ a status manager (105) ~~having~~ including,
_____ status channel creation means (501) for creating on the bus an isochronous status channel, and ~~having~~
_____ status transmitting means (502) for transmitting status information on the isochronous status channel.

2. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized by~~ wherein the status manager (105) further ~~having~~ includes status reception means (503) for asynchronously receiving status information from a device (103, 106) ~~from among said plurality of devices~~ asynchronously, coupled to the status transmitting means (502) for transmitting the received status information on the isochronous status channel.

3. (Currently Amended) A communication system (500) as claimed in claim 2, ~~characterized in that~~ wherein the status manager (105) is further arranged to send to the device (103, 106) an identifier for the isochronous status channel in response to receiving the status information.

4. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized by wherein~~ a device (102, 103, 104, 106) ~~from among~~ said plurality of devices includes having status reading means (511-514) for reading the transmitted status information from the isochronous status channel.

5. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized by wherein~~ a device (103, 106) ~~from among~~ said plurality of devices includes having status sending means (515, 516) for sending status information to the status manager (105) asynchronously.

6. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized in that wherein~~ the status information comprises information on the network topology of the communication system (500).

7. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized in that wherein~~ the status information comprises information on capabilities of a device (101-106) in the communication system (500).

8. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized in that wherein~~ the status information comprises information on available bandwidth on the bus.

9. (Currently Amended) A communication system (500) as claimed in claim 1, ~~characterized in that wherein~~ the status information comprises information on a strength of a level of attachment between a mobile device (520) and a base station device (106) in the communication system (500).

10. (Currently Amended) In a communication system having a plurality of devices interconnected via a bus adapted to handle isochronous and asynchronous

transmissions, a A device (105) for use as status manager in the communication system, said device comprising: (500) of claim 1, characterized by
_____ status channel creation means (501) for creating on the bus an isochronous status channel; and
_____ status transmitting means (502) for transmitting status information on the isochronous status channel.

11. (Currently Amended) In a communication system having a plurality of devices interconnected via a bus adapted to handle isochronous and asynchronous transmissions, and a status manager for creating on the bus an isochronous status channel and for transmitting status information on the status channel, a A device comprising (102, 103, 104, 106) for use in the communication system (500) of claim 1, characterized by status reading means (511-514) for reading the transmitted status information from the isochronous status channel.